



Res'd PCT/PTO 11 MAY 2005

5

1

SEQUENCE LISTING

<110> Alemany Bonastre, Ramon
Cascallo Piqueras, Manel Maria

<120> Use Of Adenoviruses Mutated In The VA
Genes For Cancer Treatment

<130> 16596-049US1

<140> US 10/509,194

<141> 2004-09-13

<150> PCT/ES03/00140

<151> 2003-03-25

<150> ES P200200716

<151> 2002-03-26

<160> 2

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 160

<212> RNA

<213> Human adenovirus type 5

<400> 1

```
gggcacucuu ccguggucug guggauaaau ucgcaagggg aucauggcgg acgaccgggg 60
uucgagcccc guaucgggcc guccgcccug auccaugcgg uuaccgcccc cgugucgaac 120
ccaggugugc gacgucagac aacggggggag ugcuccuuuu 160
```

<210> 2

<211> 600

<212> DNA

<213> Human adenovirus type 5

<400> 2

```
cggacgcggt tccagatggt gcgcagcggc aaaaagtgct ccatggtcgg gacgctctgg 60
ccggtcaggg gcgcgcaatc gttgacgctc tagaccgtgc aaaaggagag cctgtaagcg 120
ggcactcttc cgtggtctgg tggataaatt cgcaagggtg tcatggcgga cgaccggggg 180
tcgagccccg tatccggccg tccgccgtga tccatgcggt taccgcccgc gtgtcgaacc 240
caggtgtgcg acgtcagaca acgggggaggt gtccttttg gcttccttcc aggcgcgggc 300
gctgctgcgc tagctttttt ggccactggc gcgcgcgacg gtaagcgggt aggctggaaa 360
gcgaaaagcat taagtggctc gtcctctgta gccggagggt tattttccaa gggttgagtc 420
gcgggacccc cggttcgagt ctccgaccgg ccggactgcg gcgaacgggg gtttgccctc 480
ccgtcatgca agaccccgcg tgcaaatcc tccggaaaca gggacgagcc ctttttttgc 540
ttttcccaga tgcacccggt gctgcggcag atgcgcccc ctcctcagca gcggcaagag 600
```